

Methods of Sea-Bed Geological Research.  
RUSSIAN, per. Akademiya Nauk SSSR, Trudy Instituta  
Okeanologii, Vol 44, 1960. *134 pp*  
CFSTI TT 68-50357

Sci-Mar Sci  
Feb 69

372.887

Parin, N.V.

1961

The bases for the classification of the flying-fishes  
(families Oxyporhamphidae and Exocoetidae) (Osnovy sistemy  
letuchikh ryb (semeistva Oxyporhamphidae i Exocoetidae)  
Biologicheskie issledovaniya mornia (ikhtiologiya) (T.S. Rass.  
editor), Trudy Instituta okeanologii, 43, Akad. nauk  
SSSR, Moscow, 352p.: 92-183. In Russian.

Transl. by L. Penny and J. H. Slep for Systematics Lab.,  
NMFS, U.S. Natl. Mus. Wash., D.C. 20560, 1971, as Transl.  
No. 67, 104p., processed. Free cys. avail. from Systematics  
Lab.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *JK*

Oceanographical Investigations Made by the  
R/V VITYAZ' in the Northern Pacific According  
to the International Geophysical Year Program.  
RUSSIAN, bk, Akademiya Nauk SSSR. Trudy Instituta  
Okeanologii. Izdatel'stvo Akademi Nauk SSSR,  
Vol 45, 1961, 291 pp.  
\*CSFTI TT 68-50358

Sci/Ear Sci  
Feb 68

Dynamics and Morphology of Sea Coasts.  
RUSSIAN, bk, Akademiya Nauk SSSR, Trudy Instituta  
Okeanologii. Izdatel'stvo Akademii Nauk SSSR.  
Moskva, Vol 48, 1961, 366 pp.  
\*CSFTI TT 68-50355

Sci/Ear Sci  
Feb 68

Marine Fouling and Borers,  
RUSSIAN, bk, Akademiya Nauk SSSR. Trudy Instituta  
Okeanologii, Izdatel'stvo Akademii Nauk SSSR.  
Moskva., Vol 49, 1961, 273 pp.  
\*CSFTI TT 68-5035\*

Sci/B & M  
Feb 68

Problems in Dynamical Oceanography.  
RUSSIAN, per, Trudy Akademiya Nauk SSSR,  
Instituta Okeanologh, Vol 52, 1961.  
CFSTI TT 68-50353

Sci/Ear Sci & Oceanog  
Nov 68

370,269

Methods and Instruments of Oceanological  
Research, by V. A. Shirai, 43p.  
RUSSIAN, per, Trudy, Akademiya Nauk SSSR,  
Institut Okeanologii, Vol 55, 1962, pp  
3-22.  
CFSTI AD-627,256

332, 269

Sci  
Jul 67

Methods and Instruments for Oceanographic  
Research. 185 pp.  
RUSSIAN, rpt, Trudy Akademiya Nauk SSSR,  
Instituta Okeanologii, 1962.  
CFSTI TT 66-51028

Sci/Earth Sci & Oceanography  
Oct 67

339,626

Klumov, S.K.

1963

Food and helminth fauna of whalebone whales (Mystacoeti)  
in the main whaling regions of the world ocean (Pitanie i  
gelmintofauna usatykh kitov (Mystacoeti) v osnovnykh  
promyslovnykh raionakh mirovogo okeana)  
Trudy instituta okeanologii, 71: 94-104. In Russian.

Transl. by Bur. for Transl., Foreign Lang. Div.,  
Dept. of the Sec. of State of Canada, for FRBC Biol. Sta.,  
Nanaimo, B.C., as Transl. Series No. 589, 37p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MLX*

Spectro-Analytical Determination of  
Trace Impurities in Tungsten Prepara-  
tions, by L. N. Filizumov, N. A. Makulov,  
E. A. Zakharova, 14p.

RUSSIAN, per, Trudy, Akademiya Nauk  
SSSR. Komissiya po Analiticheskoj  
Khimii, Vol 12, 1960, pp 227-235  
CSIR-tr.272

333, 764

Sci  
Jul 67

Relation of the Distribution Coefficient of an  
Electrolyte to the Solvation Energies and Acti-  
vation Coefficientd of its Ions, by

N.V. Ionin, N. V. Kurin.

RUSSIAN, per, Trudy Akad. Nauk SSSR, Komis.

Analit. Khimii, Vol 14, 1963, pp 87-98.

P911068666

AEC ORNL-tr-1306

Sci/Physics

Oct 66

311,475

Theoretical Study of Transitions with Different  
Types of Coupling Using the Nitrogen Atom as an  
Example, by Z. B. Rudzikas & Ia. I. Vizbaraitė.  
RUSSIAN, per, Trudy Akademii nauk SSSR, Komissiya  
po Spektroskopii, Vol 2, 1964, pp 94-97.

P100047368-V

AFCRL T-R-615

Sci/Phys  
Apr 68

356,576

The Nature of Ignition of Atomized Fuels From  
the Diffusion and Kinetics Point of View, by  
Yu. B. Sviridov. 24 pp.

RUSSIAN, rpt, Trudy AN SSSR, Laboratoriya  
Dvigatelya, 1960, pp 98-112.  
AIR/PTD/MI-24-84-68

Sci/Propulsion & Fuel  
Feb 69

375,570

Controls Leading to Optimal Stationary Regimes,  
by G. V. Viskov, 17 pp.  
RUSSIAN, per, AN SSSR. Matematicheskiy Institut.  
Trudy, Vol 71, 1964, pp 35-45. F100058168-V  
FTD-HT-67-69

Sci-Mech Engr  
Apr 68

352,320

One Problem of Optimum Control of a Complex of  
Instruments, by Yu. A. Romanov, 20 pp.  
RUSSIAN, per, AN SSSR, Matematicheskiy Institut.  
Trudy, Vol 71, 1964, pp 88-101. P100348667  
FTD-HT-67-41

Sci/Meth & Equip  
Jan 68

348.339

Distribution in Spaces Ambiguous to Ordered  
Linear Spaces, by V. V. Sazonov.  
RUSSIAN, per, Trudy AN SSSR, Matematich-  
eskiy Institut, No 71, 1964, pp 102-103.  
AIR/FTD/HT-23-1276-67

Sci-Math  
Apr 69

379,560

Determination of the Best Means of Introducing  
Artificial Dispersion in Firing for  $K$  Various Special  
Cases, by A. A. Sveshnikov.  
RUSSIAN, per, Trudy Ak Nauk SSSR, Matemat  
Institut imeni V. A. Steklova, 1945, pp 46-66.  
Navy 3978/APL T-1172

Sci-Math & Data Proc  
Feb 65

274,212

Phase Diagram of the Mg-Mn System, by D. A.  
Petrov, M. S. Mirgalovskaya, I. A. Strel'nikova,  
E. M. Komova.  
RUSSIAN, per, Tr. Inst Met im. A. A. Baikova,  
Akad Nauk SSSR, No 1, 1957, pp 142-3.  
UCRL-tr-10093

Sci - Mat  
Oct 67

342,697

The Periodicity of Structure and Properties of the  
Lanthanides in Connection With Their Phase Dia-  
grams, by V. K. Grigorovich.

RUSSIAN, per, Trudy Inst. Met. in A. A. Balkova,  
Akad. Nauk SSSR, No 14, 1963, pp 212-226.

9233245

AEC IS-tr-39

Sci/M&M

Aug 66

306,277

Soils of Outer Mongolia, by N. D. Bernalov.  
RUSSIAN, per, Trudy Akademiya Nauk SSSR  
Mongol'skaya Komissiya, Vol 41, 1951.  
OTS TT-64-11073

Sci-Agric  
Jul 66

306,419

Forecasting the Caspian Sea Level, by B.  
Apollov, K. Alekseeva.  
RUSSIAN, per, Trudy Akademii nauk SSSR.  
Okeanograficheskaya Komissiya, Vol. 5, 1959,  
pp 63-78  
CSIRO/ No. 7117

Sci -  
Aug 67

335-732

TT-64-15316

Istoshin, Yu. V.  
THE WATER TEMPERATURE OF THE SEA OF  
JAPAN AND THE POSSIBILITIES OF ITS PROGNOSIS  
(Temperatura Vody Yaponskogo Morya i Vozmozhnost'  
Ee Progoza) M. Slessers, tr. 1964 [65p] 44refs  
NOO-Trans-146.  
Order from OTS, SLA, or ETC \$6.60 TT-64-15316

Trans. of Akademiya Nauk SSSR. Okeanograficheskaya  
Komissiya. Trudy, 1960, v. 7, p. 52-97.

(Earth Sciences--Oceanography, TT, v. 12, no. 1)

- I. Istoshin, Yu. V.
- II. NOO-Trans-146
- III. Naval Oceanographic  
Office, Washington, D. C.

Office of Technical Services

62-33084

Titov, L. F., ed.  
WIND WAVES (Vetrove Volny) tr. by M. Slessers.  
1962 [228]p. 152 refs. HO Trans-134.  
Order from OTS or SLA \$18.00 62-33084

I. Titov, L. F.  
II. HO Trans-134  
III. Navy Hydrographic Office,  
Washington, D. C.

Trans. of Akademiya Nauk SSSR. Okeanograficheskaya  
Komissiya (Trudy) 1960, v. 9, 203p.

DESCRIPTOR S: \*Water waves, \*Ocean waves, \*Lake  
waves, \*Wind, Field theory, Mathematical analysis,  
Statistical analysis, Spectrographic analysis, \*Ships,  
Oceanographic vessels, \*Oceanographic equipment,  
\*Aerial photography, Structures, Impact shock,  
Atlantic Ocean.

Contents:

Foreword

Basic problems of studying wind waves and methods of  
their solution, by L. P. Titov

Application of the equation of the field of wind waves for  
(Earth Sciences--Oceanography, TT, v. 9, no. 9)(over)

Office of Technical Services

Sivakov, N. K.  
WAVE ACTION AND THE DEVELOPMENT OF THE  
OUTER FORESHORE MARGIN (Formirovaniye Volnam  
Vneshnego Kraya Beregovoy Otmell)  
Mark E. Burgunker, tr. Nov 63, 6p 8refs  
Order from AGI \$5.00 in International Geology Review,  
v. 5, no. 11, p. 1440-1445

Trans. of Akademiya Nauk SSSR. Okeanograficheskaya  
Komissiya (Trudy) 1961, v. 8, p. 129-135. (Abstract  
available)

DESCRIPTORS: \*Water waves, \*Hydrodynamics,  
Beaches, Sedimentation, Models (Simulations),  
Equations, Tests.

The conditions under which wave action will produce a  
foreshore profile of equilibrium were investigated by  
laboratory experimentation; and it was established that  
(Earth Sciences--Geology, TT, v. 11, no. 11) (over)

TT-63-17713-11 (p. 1440-1445)

I. Sivakov, N. K.  
II. American Geological Inst.,  
Washington, D. C.

Office of Technical Services

Sivakov, N. K.  
WAVE ACTION AND THE DEVELOPMENT OF THE  
OUTER FORESHORE MARGIN (Formirovaniye Volnam  
Vneshnego Kraya Beregovoy Otmeli)  
Mark E. Burgunker, tr. Nov 63, 6p 8refs  
Order from AGI \$5.00 in International Geology Review,  
v. 5, no. 11, p. 1440-1445

Trans. of Akademiya Nauk SSSR. Okeanograficheskaya  
Komissiya, Trudy, 1961, v. 8, p. 129-135. (Abstract  
available)

DESCRIPTORS: \*Water waves, \*Hydrodynamics,  
Beaches, Sedimentation, Models (Simulations),  
Equations, Tests.

The conditions under which wave action will produce a  
foreshore profile of equilibrium were investigated by  
laboratory experimentation; and it was established that  
(Earth Sciences--Geology, TT, v. 11, no. 11) (over)

TT-63-17713-11 (p. 1440-1445)

I. Sivakov, N. K.  
II. American Geological Inst.,  
Washington, D. C.

Office of Technical Services

TT-64-12802-2 (p. 212-227)

Longinov, V. V.  
SOME ASPECTS OF WAVE ACTION ON A GENTLY  
SLOPING SANDY BEACH (Nekotorye Dannye o Rezhimye  
Pribolnogo Potoka na Peschanom Plyazhne Berega) Mark  
E. Burgunker, tr. Feb 64, 16p 25refs  
Order from AGI \$5.00 in International Geology Review,  
v. 6, no. 2, p. 212-227.

I. Longinov, V. V.  
II. American Geological  
Inst., Washington, D. C.

Trans. of ~~Academy of Sciences USSR, Oceanographic~~  
~~Komissiya (Trudy) (1961) v. 8, p. 136-157.~~

(Earth Sciences--Geology, TT, v. 12, no. 4)

Office of Technical Services

On Long-Term Tidal Events in the Sea and in the  
Atmosphere of the Earth, by I. Maksimov.  
RUSSIAN, per, Akademiya nauk SSSR Institut  
Okeanologii Trudy, No 8, 1954, pp 18-40  
CSIRO/No 7101

Sci -  
Jul 67

335,039

The Alteration of the Minerals of Syenite  
in the Initial Stages of Soil Formation,  
by E. A. Yarilova.  
RUSSIAN, per, Trudy Ak Nauk SSSR, Pochvennogo  
Inst in. V. V. Dokuchaeva, Vol XXXIV, 1950.  
CFSTI TT 65-50084

Sci - Agri  
Jun 66

302,334

Larvae of Bivalve Mollusks of the Sevastopol  
Region of the Black Sea, by K. A. Zakhvatkina.  
RUSSIAN, per, Trudy Ak Nauk SSSR, Sevastopol-  
skaya Biol Stantsiya, Vol 11, 1959, pp 108-152.  
NTC 69-15682-06C

Sci-B&M  
Dec 69

398,410

Pelagic Larvae of Gastropod Mollusks of the  
Black Sea, by V. D. Chukhchin. 25 pp.  
RUSSIAN, per, Trudy Ak Nauk SSSR, Sevastopol'-  
skoy Biologicheskoy Stantsiy, Vol 13, 1960,  
pp 92-113.

Dept of Interior  
Bureau of Commercial Fisheries  
Office of Foreign Fisheries  
A-32-Oct 1969-No 80  
On Loan

Sci-B&M  
Dec 69

398,529

TT-64-22760

Ivlev, V. S.

ON THE UTILIZATION OF FOOD BY PLANKTON-EATING FISHES (Ob Utilizatsii Plabchi Rybami-Planktofagami)

W. E. Ricker, tr. Jul 63 [18p] 16refs FRBC Trans. Series no. 447.

Order from NRC

NRC C-4690

Trans. of [Akademiya Nauk SSSR]. Sevastopol'skaya Biologicheskaya Stantsiya. Trudy, 1961, v. 14, p. 188-201.

I. Ivlev, V. S.

II. FRBC-Trans-447

III. NRC-C-4690

IV. Fisheries Research Board of Canada, Montreal

(Biological Scin

Office of Technical Services

A Comparative Analysis of Redundancy to  
Increase the Reliability of Information  
Systems, by G. P. Beznosov,  
B. P. Zelentsov, 11 pp.  
RUSSIAN, rpt, AN SSSR. Sibirskoye Otdeleniye.  
Institut Avtomatiki i Elektrometrii. Trudy.  
1964.  
AIR/FTD/HT-23-146-68

Sci-Elect & Elect Engr  
Jan 69

370,850

Specialized Computer for Statistical Investigations,  
by A. H. Domaratskiy, et al.

RUSSIAN, per, Trudy ANSSSR, Sibirskoye Otdeleniye  
Institut Avtomatikitelektrometrii, No 9, 1964,  
pp 94-102.

\*FTD-MT-67-23

Sci/Electronics  
Aug 67

Graptolites from the Ordovician of Tamir, by  
A. N. Obut and S. F. Sobolevskaya,  
RUSSIAN, per, AN SSSR Sibirskoe Otd. Inst.  
Geol. i Geofiz.,  
NLL 5828.4 1965 5690

Sci-Ear Sci  
Mar 67

320,270

MEASURING INSTRUMENTS FOR TWO-FREQUENCY INDUCTIVE  
ELECTRO-PROSPECTING, BY D. G. LEVCHENKO,  
V. M. NOSOV, 11 PP.

RUSSIAN, PER, AK NAUK SSSR, SIBIRSKOYE OTDEL,  
GEOL I GEOFIZ, NO 1, 1963, PP 134-136

JPRS 19265

SCI - EARTH SCI-ASTRON

MAY 63

2381,011

Transmission of Alternating Electrical Current  
at Distances of 1500-3000km, by V. K. Sheherbakov.  
RUSSIAN, per, Trudy Sibirakogo Nauchno-  
Issledovatel'skogo Instituta Energetiki,  
Novosibirsk, Redaktsionno-Izdatel'skii Otdel  
Sibirskogo Otdeleniya AN SSSR, Vol 1, No 20,  
1964, 174 $\frac{1}{2}$  pp.  
\*CSFTI TT 68-50379

Sci/Elec  
Feb 68

Estimating the Complexity of Algorithms for the  
Construction of Minimal Disjunctive Normal Forms  
of the Functions of the Algebra of Logic, by  
Yu. I. Zhuravlev. 40 pp.

RUSSIAN, not, Trudy AN SSSR, Sibirskoye  
Otdeleniye. Institut Matematiki. Diskretnyy  
Analiz. Sbornik, No 3, 1964, pp 41-77.  
AIR/FTD/AIR-73-708-68

sci/ mathematics  
nov 69

396,995

Transmission of Electrical Energy at Distances  
of 1500-3000km, by V. K. Shcherbakov.  
RUSSIAN, per, Trudy Transportno-Energeticheskogo  
Instituta. Novosibirsk, Izd-vo Sibirskogo  
Otdeleniya AN SSSR, Vol 16, 1963, 141 pp.  
\*CSFTI TT 68-50378

Sci/Elec  
Feb 68

Stability of Systems Possessing Properties of  
Creep, by A. R. Rzhantsyn, 19 pp.

RUSSIAN, per, Trudy AN SSSR, Polzuchest' i  
Dlitel'naya Prochnost' Sibirskoye Otdeleniye  
Institut Gidrodinamiki, 1963, pp 15-28.

9700939

FTD-MT-65-171

Sci/Engineering  
Aug 66

306,237

Influence of Additions of Various Elements of  
the Mechanical Properties of Cast Aluminum Alloys,  
by V. P. Penminov, B. B. Gulyayev. 8 pp.

RUSSIAN, rpt, Trudy AN SSSR. Soveshchaniye po  
Teorii Liteynikh Protsessov. 8th Moscow, 1963,  
Mekhanicheskiye Svoystva Litogo Metalla, 1963,  
pp 259-264.

AIR/FTD/MF-24-375-67

sci/materials  
feb 69

376,486

Indicators of Gas Resistance of Arboreal Plants,  
by V. N. Nikolaevskii.  
RUSSIAN, per, Trudy Akademiya Nauk SSSR. Ural'skii  
Filial. Institut Biologii. No 31, 1963,  
pp 59-79.  
NTC 71-14278-02D(pp 70-94)

Feb 72

A Study of the Volume Diffusion of Ni in NiCr  
Steels, by V. I. Arkharov.  
RUSSIAN, par, Trudy Ak Nauk SSSR, Ural Fil Sverd  
Inst Fiz Metall, No 19, 1958, pp 23-42.  
\*CFSTI TT 70-59110

Sci-  
June 70

A Study of the Volume Diffusion Processes in  
Steels Containing Ni and Cr Elements, by  
V. I. Arkharov.

RUSSIAN, per, Trudy Ak Nauk SSSR, Ural Fil Sverd  
Inst Fiz Metall, No 19, 1958, pp 122-126.

\*CFSTI TT 70-59111

Sci- *phys*  
June 70

The Mycological Flora of Juniper Forests of  
the Central Part of the Turkestan Mountain  
Range, by Ya. I. Korbonskaya,  
RUSSIAN, per, Trudy Akademii Nauk Tadzhikskoi  
SSR. Botanicheskiy Institut, Krchevye Lesa  
Tsentrāl'noi Chasti Turkestanskogo Krebta, Vol  
LXXIII, 1958, pp 233-257.  
CSFTI TT 65-50124

Sci-Esr Sci  
Oct 66

313,054

TT-64-11081

Semenov-Tyan-Shanski, A. P. and Nikol'skaya, M. N.  
HYMENOPTERA (CHRYSIDIDAE) OF TADZHIKISTAN  
(Osy-Blestyanki (Hymenoptera, Chrysididae)  
Tadzhikistana). 1964, 34p 37refs PL-480 Agr.  
Order from OTS HC \$0.50 MF \$0.50 TT-64-11081

Trans. of Akademiya Nauk SSSR. Zoologicheskii  
Institut. Trudy. 1954, v. 15, p. 89-137.

- I. Semenov-Tyan-Shanski,  
A. P.
- II. Nikol'skaya, M. N.
- III. PL-480-Agr  
(TT-64-11081)
- IV. National Science  
Foundation,  
Washington, D. C.

(Biological Sciences--Zoology, TT, v. 12, no. 7)

Operation of a Blast Furnace by Using  
Data on Automatic Gas Control in the  
Peripheral Zone, by Z. I. Nekrasov,  
Ya. M. Gbodan.

RUSSIAN, per, Trudy Akad. Nauk Ukr. SSR  
Inst. Chern. Met. Metallurgiya Chuguna,  
Vol 12, 1960, pp 37-67.  
BISI 4622

Sci-MQ11  
Aug 66

308,756

Toward the Question on Connection of Energy Scat-  
tering in Material With Fatigue Strength, by

V. T. Troshchenko. 27 pp.

RUSSIAN, per, Trudy AN UkrSSR. Institut Metal-  
lokeramiki i Spetsial'nykh Splavov. Rasseyaniye  
Energii Pri Kolebaniyakh Uprugikh Sistem. No 4,  
1963, pp 149-158. P100224267

FTD-MT-65-231

Sci/Materials  
Aug 67

336,563

Structural Energy Dissipation During Vibrations of  
Turbine Blades, by I. A. Kozlov, V. V. Matveyev,  
27 pp.

RUSSIAN, per, Trudy AN UkrSSR. Institut Metal-  
lokeramiki i Spetsial'nykh Splavov. Rasseyaniye  
Energii Pri Kolebaniyakh Uprugikh Sistem, No 4,  
1963, pp 149-158. P100224267  
FTD-MT-65-231

Sci/Materials  
Aug 67

336,564

Concerning one Condition for the Acceleration of Magneto-  
gasdynamic Streams, by N. I. Pol'skiy.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz, 1964, pp 2-27.  
\*FTD-TT-65-1676

Sci- Eng  
Nov 65

General Relationships for the Combustion of Suspension  
Droplets, by D. I. Polishchuk, L. P. Latonina, et al.  
RUSSIAN, per, Trudy Ak Nauk Ukraini Inst SSSR, Tekh  
Teplofiz, Teplofiz i Teplotekhn, Kiev, 1964, pp 154-159.  
#FTD-MT-65-73

Sci - Phys  
Apr 65

Combustion Kinetics of Dispersed Metal Fuel,  
by V. A. Fedoseyev.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz, Teplofiz i Teploekh, Kiev, 1964, pp 160-162.  
b FTD-MT-65-73

Sci - Fuels & Propulsion  
Apr 65

Combustion of Droplets in an Airstream, by L. P.  
by L. P. Latonina, V. A. Fedoseyev, et al.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz, Teplofiz i Teplotekh, Kiev, 1964, pp 163-166.

6  
/ FILE-MI-65-78

Sci - Eng  
Apr 65

Study of a Turbulent Flame by Schlieren Photography,  
by G. A. Mozhkov.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz, Teplofiz i Teploekh, Kiev, 1964, pp 167-169.

FTD-III-65-73

Sci - Phys  
Apr 65

Flame Modelling as a Method for Studying the Aero-  
dynamics of Combustion Processes, by P. I. Lavrov.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz, Teplofiz i Teplotekh, Kiev, 1964, pp 170-176.  
FTD-MT-63-73

Sci - Phys  
Apr 65

Some Relationships for a Gaseous Diffusion Flame  
Burning in the Turbulent Wake Behind a Flame Holder,  
V. A. Khristich, G. N. Lyubchik,  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplofiz. Teplofiz i Teplotekhn, Kiev, 1964, pp 202-206.  
FTD-MT-65-73

Sci - Phys  
Apr 65

The Nature of Oscillatory Combustion in High-Performance Combustion Chambers Operated with Gaseous Fuel, by V. A. Khristich, Yu. N. Bashkatov.  
RUSSIAN, per, Trudy Ak Nauk Ukrain Inst SSSR, Tekh  
Teplotekhn. i Teplotekh, Kiev, 1964, pp 215-223.

FTD-MT-65-73

Sci - Fuels & Propulsion  
Apr 65-

Grafted Copolymers of Cellulose With Certain  
Vinyl Monomers, by U. Azizov, Kh.U. Usmanov,  
et al. 10 pp.  
RUSSIAN, per, Trudy Akad. Nauk UZSSR. Institut  
Khimiy Polimerov. Khimiya i Fiziko-Khimiya Prirod-  
nykh i Sinteticheskikh Polimerov, No 1, 1962,  
pp 23-28. 9700693  
FTD-TT-65-1481

Sci/M&M

Jul 66

303,840

Biology of Antibiotic-Producing Actinomycetes, by  
H. A. Krasilnikov, 343 pp.  
RUSSIAN, per, Trudy, Akademiya Nauk SSSR. Institut  
Mikrobiologii, Vol 8, 1960, 346 pp.  
CFSTI TT-65-50076

313,249

Sci -  
Oct 66

Catalytic After-Burning for the Neutralization of  
Dump-Truck Exhaust Gases in Open-Cut Mining, by S.S.  
Filatov.

RUSSIAN, per, Akademiya Nauk SSSR. Uralskii Filial  
Institut Gornogo Dela. Trudy, no. 4, 1962, pp. 155-  
163.

NTC 71-12981-08I

*July 1971*

Principles of the Formation of Isopropyl-  
benzenes in the Presence of Aluminum Chloride,  
by V. G. Plyusanin, Ye. P. Babin,  
RUSSIAN, per, Trudy Ak Nauk SSSR, Uralakiy  
Filial Inst Khimiy, No 4, 1960, pp 3-20.  
HC-69-16536-07C

Sci-Chem  
Feb 70

402,928

Phytoplankton As An Agent of the Self Purifi-  
cation of Contaminated Waters, by G. G. Via-  
berg, T. N. Sivko, 38 pp.

RUSSIAN, per, AN SSSR. Trudy Vsesoyuznogo  
Gidrobiologicheskogo Obshchestva, Vol 7, 1956,  
pp 3-23. F100302867  
FTD-MT-66-13

Sci-B&M  
Dec 67

344,428

The Layerwise Changes in the Non-Hydrolyzed  
Peat Residue of the Lowland Deposits,  
by K. K. Lebedev.  
RUSSIAN, per, Trudy Ak Navuk BSSR Inst Torf,  
Vol VII, 1959, pp 36-49.  
CFSTI TT-64-11072

Sci -  
Jul 66

305,852

Determination of Atmospheric Turbidity in Various  
Directions by Polarimetry, by D. G. Stanov, 17 pp.

RUSSIAN, bk, ~~Исследования~~ ~~Активометрия~~ i Atmosfernaya  
Optika, ~~Optometeorologicheskoye~~ ~~izdatel'stvo~~,  
Leningrad, 1961, pp 115-124. 9685418

FTD-TT-63-536

Sci-Earth Sci  
Sep 63

343,607

TT-63-20310

Lyalin, I. M.  
EXPERIMENTAL STUDIES OF THE BEHAVIOR OF  
REINFORCED CONCRETE BEAMS WITH RECTANGU-  
LAR CROSS-SECTION SUBJECTED TO THE COM-  
BINED ACTION OF TRANSVERSE FORCE, FLEX-  
URAL AND TORSIONAL MOMENT. [1963] 24p  
Order from OTS, SLA, or ETC \$2.60 TT-63-20310

Trans. of Akademiya Stroitel'stva i Arkhitektury SSSR.  
Institut Betona i Zhelezobetona, Perovo. Trudy, 1959,  
v. 3, p. 54-77.

DESCRIPTORS: \*Reinforced concrete, \*Beams  
(Structural), Load distribution, Failure (Mechanics),  
Reinforcing materials, Stresses.

(Engineering--Civil, TT, v. 11, no. 1)

I. Lyalin, I. M.

Office of Technical Services

Yu. P. Altukhov

Basic Principles for the Investigation of  
Intra-and Interspecific Differentiation in  
Fish by Serological Methods.

RUSSIAN, per, Azovsko-Chernomorskii Nauchno-  
Issledovatel'skii Institut Morskogo Rybnogo  
Khozyaistva i Okeanografii. Trudy, No 22,  
1964, pp 53-71  
NTC 72-12550-06C

Sept 72

Trudy Ak Nauk SSSR, Inst Fiziol, see Trudy Inst Fiziol  
Ak Nauk SSSR. File cards Trudy Inst Fiziol Ak Nauk SSSR

Analysis of Mixtures of Organic Bases  
by Titration in Methyl Ethyl Ketone,  
by A. P. Kreshkov, N. Sh. Aldarova.  
RUSSIAN, per, Akademiya Nauk SSSR.  
Komissiya po Analiticheskoi Khimii. Trudy,  
Vol, 13, 1963, pp 31599.  
SLA TT-66-11000

331, 488

Sci - Chem  
Jul 67

New Data on the Biology and Morphology of  
*Gastrophilus Pecorum* F., by H. A. Corosh-  
ner, 12 pp.

RUSSIAN, FOR, Alma-Ata Acad Inst Zool  
Trudy G.I. Parasitol, 1953, pp 84-101.

SLA R-1861

Sci

68,387

Jul 58

Perennial Leaved Onions, by S. I. Tsitsina.

RUSSIAN, per, Trudy Alma-Atinskogo Botanicheskogo  
Sada, Ak Nauk Kazakhskoi SSR, Vol III, 1956,  
pp 102-104.

NLL RTS 1674

Sci - Biol

Nov 61

174,424

FORECASTING VALUE OF CHARTS OF THE INTEGRATED  
PRESSURE DEVIATION FROM NORMAL, BY M. H. BAIDAL.

RUSSIAN, PER, TRUDY ALMA-ATA KAZAKH NAUCH ISSLED  
GIDROMET INST, NO 15, 1960, PP 73-79.

NLL M. 3745

SCI - GEOPHYS  
OCT 62

213,010

Atmospheric Turbulence and the Calmness of Flights  
In the Tropopause Zone and Jet Streams, by N. F.  
Gel'mgol'ts. *Spudy Alma-Ata*  
RUSSIAN, per, Kazakhskiy Nauchno-Issledovatel'skiy  
Gidrometeorologicheskii Institut, ~~Spudy~~ Voprosy  
Fiziki Atmosfery i Aerologii, No 19, 1963,  
pp 3-30.

\*FTD-MT-64-297

Sci - Earth Sci & Astron  
Jul 64

DC-58

Basic Indicators of the Effectiveness of High-  
production Working in Certain Polymetallic Mines,  
by G. D. Stegarev, 13 pp.

bk,  
RUSSIAN, ~~Trudy Akademiya Gornometallurgicheskoy  
Nauchno-Issledovatel'skaya Akademii Nauk SSSR~~  
skoy SSSR, Vol III, 1976, pp 110-121.

US JPRS DC-L-1344

USSR  
Econ  
Jan 79

79,519

R-900

(NY-3338).

A New Method of Distributing Production Expenses in  
the Complex Utilization of Polymetallic Ores, by A.  
Ya. Zaplavnyy, S. R. Kondin, 22 pp.

RUSSIAN, bk, Trudy Altaynogo Gornometallurgicheskogo  
Nauchno-Issledovatel'skogo Instituta, Vol V, Alma-Ata,  
1957, pp 158-170.

JPRS-2272

109,409

USSR

Econ - Technological, Nonferrous metals  
Mar 60

DC-58

The Cost and Price of Lead in Kazakhstan Plants, by  
A. Ya. Zaplavnyy, A. P. Usenbekov, 15 pp.

RUSSIAN, per, Trudy Altay Gornometal Institute  
Ak Nauk Kazakh SSR, Vol IV, Alma Ata, 1957,  
pp 160-171.

1707

UB JPRS/DC-L-1179

Sci - Minerals, Metals  
Dec 58

77,820

On the Problem of the Converting of Mixed Matres,  
by M. A. Abdeyev.

RUSSIAN, per, Trudy Altayskogo Gornometallurg  
Nauch-Issled Inst, Ak Nauk Kazakh SSR, Vol. IV,  
1957, pp 69-83.

DSIR LLU RRS 1461

Sci - Edgr

Aug 60

122,522

A Study of the Effect of the Oxygen Content of  
the Air Forced into the Converter on the  
Elimination of Lead from Polymetallic Matten  
During Their Conversion, by O. G. Miller. UNCL

RUSSIAN, per, Study Altaiskogo Gornost  
Kuch-Isled Inst Ak Nauk Kuzbakh SSB, Vol. VI,  
1958, pp 157-164.

MSIR LLU RES 1411

111,077

Bel - Min/Met  
May 60

(El. Os. Of.)

Chloride Sublimation as Applied to Pyrite  
Cinders from the Ores of the Nikolaev Deposits,  
by E. I. Kuzhakhmetov, et al.  
RUSSIAN, per, Trudy Altaiskogo Gornometallurgicheskogo Nauchno-Issledovatel'skogo Instituta, Akademiya Nauk Kazakhskoi SSR, Vol 14, 1963,  
pp 66-74.  
RTS 25832503

Sci - Chem  
Oct 67

342,702

Stabilization of Metals in Electrolytic Copper-  
Cadmium Coke, by G.V.Kin.  
RUSSIAN, Trudy Altaisk Gornometallur Nauchno-Issled  
Instit Akad Nauk Kaz SSR, No 14, 1963, pp 3-100  
EZ

Sci -  
Aug 67

336,555

Chalcalburnus of the Aral Sea (Material For a  
Biological Study), by M. I. Markum, 91 pp.

RUSSIAN, monograph, Trudy Aral'skogo Otdeleniya  
Nauchno-Issledovatel'skogo Inta Morskogo Rybnogo  
Khozyaystava i Okeanografic, Vol IV, 1935, 63 pp.

CIA FDD/K-4762

117-1526

Sci - Biol

Nov 61

173,251

Trudy ARKtika Inst.

Hunting Greenland Seals With Nets on the Murman  
Coast, by V. Sdobnikov, pp 15 pp.

RUSSIAN, per, Trudy Arkticheskovo Inst, Vol III, 1933,  
No 2, pp 63-71.

Fisheries Res Board of Canada  
Biol Station  
St. Andrews N.B.

Sci

Feb 64

Relations Between the Reindeer and Animal  
Life of the Tundra and Forest, by V. M. Sdobnikov.

RUSSIAN, per, ~~Trans~~ Arctic Inst, Vol XXIV,  
Leningrad, 1934 (~~1935~~), pp 5-66.

US Dept of Interior  
Tr No 125

USSR

Scientific - Biology

19,821

Dec 54 CTB

State of Ice in Barents Sea and Northern Part of  
 Kara Seas as Observed on a Ship, by A. F. Loktconof.  
 UNCLASSIFIED

RUSSIAN, <sup>ARCTIKA ZIMST</sup> Arctic Institute of the USSR, Trudy,  
 Vol XVIII, Leningrad 1935, pp 85-90.

Navy Tr 829/RO 132

Scientific - Geophysics

Sep 53 CTS

5614

The Transparency of Ice to Ultraviolet Solar  
Radiation, by N. E. Kalitin, 16 pp.

RUSSIAN, per, Trudy Inst Arkticheskoy, Vol XXXIX,  
1936, pp 55-70. CIA 9658730

Amer Meteorol Soc  
AF L. G. Hanscom Field  
Res Div, Bedford, Mass  
T-R- 313

Sci - Geophysics  
Jan 61

*Amer Meteorol Soc  
AF-Cambridge Center  
136,641  
136,266*

Certain Data On the Hydrology Of the Strait of  
Matochkin Shar, by N. T. Chernigovsky. UNCLASSIFIED

RUSSIAN, per, Trudy Arkticheskogo Instituta, Vol XLIV,  
1936, pp 7-18.

Navy Tr 928/HO 164

CT. 60-39157

Scientific - Geophysics

11,927

CTS/DEY

Reindeer Pastures of the Anadry District,  
by V. N. Vasil'yev, 52 pp.

RUSSIAN , per, Trudy Arkt Inst, Vol LXII,  
1936, pp 20-87.

25,317

CIA/FDD/X-1730

USSR -

Geographic -

Scientific - Geophysics

Jul 55 CTS

PC-4

(DC-2786-III).

Reindeer Husbandry, by B. N. Gorodkov, 23 pp.

mono,

RUSSIAN, ~~KEY~~, Trudy Arkticheskogo Instituta,  
Vol LXXII, 1936, pp 42, 45, 90, 93, 149, 204,  
205, 206, 209, 210, 211, 214, 219, 220, 270, 271,  
272, 273, 274, 279, 278,

80

JPRS-L-1773-D

USSR

Geog

Jul 59

92, 885

... of the Right Bank of the Popigay River,  
V. D. Aleksandrova. UNCLASSIFIED

... per, Trudy Arktika Inst, Vol LXIII,  
... 1937, pp 181-207.

ATIC F-TS-8269

14,809

Scientific - Geophysics

Jun 54 CTS

Geological Sketch of the Chukot (Chukchee)  
District, by V. N. Saks, 23 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst., Vol LXXXVII,  
1937, pp ~~1-23~~, Leningrad.

CIA/FDD/X-1739

25,302

USSR -  
~~Geographic~~ Geographic -  
Scientific - Geophysics

Jul 55 CTS

Geological Sketch of the Lena-Indigirka District,  
by T. N. Spizharskiy, 8 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst, Vol LXXXVII,  
1937, pp ~~313-364~~ 347-351.

CIA/FDD/X-1737

USSR -  
Geographic -  
Scientific - Geophysics

*25,306*  
Jul 55 CTS

Geological Sketch of the Indigirka-Kolyma  
District, -C. Stratigraphy - Cambrian and  
Pre-Cambrian Deposits, 13 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst,  
Vol LXXXVII, 1937, pp 367-444.

CIA/FDD/X-1733

USSR -

Geographic -

Scientific - Geophysics

*25,310*  
Jul 55 CTS

Stationary Temperature Field Around a Regular  
Hexagonal Prism of Infinite Length Immersed in an  
Unlimited Homogeneous Medium, by S. M. Sheinmann,  
9 pp UNCLASSIFIED.

RUSSIAN, Per, Trudy Ark Instit, Vol CX, 1938,  
pp 33-38.

Sci Tr Center  
RT 1102

Scientific - Physics

15,373

Airplane Landings on Ice, by K. A. Moskatov, 22 pp.

RUSSIAN, per, Trudy Arkticheskogo Instituta, Vol  
IX, 1938, pp 43-55. CIA D-146083

Air Res and Dev Command

HQ, Air Weather Service,  
A-2, Tech Res Files  
629.136/M91

Scientific - Aeronautics  
Geophysics

21,327

Thickness of Kara Sea Ice, its Structure and Porosity  
According to Data Collected by the Expedition of the  
Ice-Going Steamer "Malygin" in 1934., by V. I.  
Arnol'd-Alyab'ev, 62 pp UNCLASSIFIED

RUSSIAN, per, Trudy Ark Instit, Vol CX, 1938,  
pp 57-81.

Sci Tr Center  
RT-1132

Scientific - Geophysics

15,344

Quaternary Period in the Soviet Arctic, by  
V. N. Saks.  
RUSSIAN, per, Trudy Arkticheskogo Nauchno-Issled.  
Instituta, Vol 201, 1945, pp 12-17: 62-74.  
Dept of Navy/NOO tr 5326

Sci/Earth Sci  
May 67

522,547

Upper Triassic Pelecypods from the  
Kolymaindigirka District; Excerpts,  
by L. Kiperisova, 6 pp.  
RUSSIAN, per, Trudy Antarkticheskii i  
Antarkticheskii Nauchnoissledovatel'skii  
Institut, Vol 30, 1936, pp 71-136.  
ATS-40808

336,287

Sci  
Aug 67

Seasonal Changes of the Photoplankton of the  
Polar Seas in Connection with Ice Regime, by  
P. Shirshov,

RUSSIAN, per, Trudy Arkticheskiy i Antark-  
ticheskiy Nauchno-Issledovatel'skiy Inst.,  
Vol LXXXII, 1937, pp 42-112.

Dept of Inter  
GCI E57 No 57.

Sci-Ear Sci  
Jan 67

316,723